WHAT IS CLAIMED IS:

1. A frangible projectile for covertly marking a target of interest comprising:
   a. primary components having a diameter between approximately 0.066 and 0.180 inches and a specific gravity greater than lead;
   b. a binding component substantially coating said primary components, wherein said binding component has a specific gravity less than lead; and
   c. active components including an optical marker that emits a predetermined wavelength that is not visible to a naked eye, wherein said primary, binding, and active components are cold-pressed to form a ballistic shape having a front end and a distal end.
2. The frangible projectile as in claim 1, wherein said primary components comprise at least one of tungsten, tantalum, and tungsten-carbide.
3. The frangible projectile as in claim 1, wherein said binding component comprises at least one of tin, aluminum, bismuth, copper, and zinc.
4. The frangible projectile as in claim 1, wherein said frangible projectile has a specific gravity approximately equal to lead.
5. The frangible projectile as in claim 1, wherein said active components are substantially homogeneously mixed with said primary and binding components during fabrication.
6. The frangible projectile as in claim 1, wherein said optical marker comprises at least one of a

fluorescent, specific wavelength, or multi-spectral wavelength marker.

7. The frangible projectile as in claim 1, wherein said ballistic shape includes a first bore for containing said active components.

8. The frangible projectile as in claim 7, wherein said first bore is located at said distal end of said frangible projectile.

9. A method for covertly marking a target of interest comprising the following steps:
   a. providing a ballistic cartridge including a frangible projectile containing an optical marker that emits a predetermined wavelength that is not visible to a naked eye;
   b. firing said ballistic cartridge at the target of interest;
   c. impacting the target of interest with said ballistic cartridge resulting in said frangible projectile breaking apart to release said optical marker; and
   d. dispersing said optical marker on the target of interest upon impact of said frangible projectile with the target of interest.

10. The method of claim 9, wherein said step of providing said frangible projectile containing an optical marker includes providing said frangible projectile with an optical marker having a multi-spectral wavelength.

11. A method for covertly marking and detecting a target of interest comprising the following steps:

a. providing a ballistic cartridge including a frangible projectile containing an optical marker that emits a predetermined wavelength that is not visible to a naked eye;

b. firing said ballistic cartridge at the target of interest;

c. impacting the target of interest with said ballistic cartridge resulting in said frangible projectile breaking apart to release said optical marker;

d. dispersing said optical marker on the target of interest upon impact of said frangible projectile with the target of interest;

e. exciting said optical marker; and

f. detecting said optical marker with a sensor.

12. The method of claim 11, wherein said step of providing said frangible projectile containing an optical marker includes providing said frangible projectile with an optical marker having a multi-spectral wavelength.

13. A frangible projectile for preventing a high-order detonation of a target containing explosive material from stand-off distances comprising:

a. primary components having a diameter between approximately 0.066 and 0.180 inches and a specific gravity greater than lead;

b. a binding component substantially coating said primary components, wherein said binding component has a specific gravity less than lead;

c. active components having a diameter less than approximately 0.006 inches, wherein said primary, binding, and active components are cold-pressed to form a ballistic shape having a front end and a distal end.

14. The frangible projectile as in claim 13, wherein said primary components comprise at least one of tungsten, tantalum, and tungsten-carbide.

15. The frangible projectile as in claim 13, wherein said binding component comprises at least one of tin, aluminum, bismuth, copper, and zinc.

16. The frangible projectile as in claim 13, wherein said active components comprise at least one of silicone, silica dioxide, silicon carbide, titanium carbide, aluminum nitride, aluminum oxide, titanium dioxide, carbon, boron, aluminum, magnesium, iron, sulfur, or zirconium.

17. The frangible projectile as in claim 13, wherein said frangible projectile has a specific gravity approximately equal to lead.

18. The frangible projectile as in claim 13, wherein said active components are substantially homogeneously mixed with said primary and binding components during fabrication.

19. The frangible projectile as in claim 13, wherein said ballistic shape includes a first bore for containing said active components.

20. The frangible projectile as in claim 19, wherein said first bore is located at said distal end of said frangible projectile.

21. The frangible projectile as in claim 13, further including a full-metal jacket surrounding said front end of said frangible projectile.

22. The frangible projectile as in claim 13, further including a longitudinal bore in said frangible projectile.

23. The frangible projectile as in claim 22, further including a long rod penetrator in said longitudinal bore.

24. The frangible projectile as in claim 13, further including an internal cup disposed about said distal end of said frangible projectile and extending around said frangible projectile towards said front end.

25. The frangible projectile as in claim 13, further including a base fuse initiator at said distal end of said frangible projectile.

26. The frangible projectile as in claim 25, wherein said base fuse initiator comprises a detonator, propellant in operational contact with said detonator, a backing plate having a throughbore and separated from said detonator by said propellant, a piston disposed in said throughbore, and a spring connected to and disposed about said piston for biasing said piston away from said detonator.

27. A method for preventing a high-order detonation of a target containing explosive material from stand-off distances comprising the following steps:

a. providing a ballistic cartridge including a frangible projectile containing an active component;

b. firing said ballistic cartridge at the target containing explosive material;

c. impacting the target containing explosive material with said ballistic cartridge, resulting in said frangible projectile breaking apart to release said active component;

d. dispersing said active component proximate to the explosive material upon impact of said frangible projectile with the target containing explosive material; and

e. scavenging air proximate to the explosive material using said active component.

28. The method of claim 27 wherein said step of providing said ballistic cartridge includes the step of providing said frangible projectile with at least one of a micron, sub-micron, or nano-powder as the active component.

29. The method of claim 27 further including the step of scavenging oxygen proximate to the explosive material using said active component.

30. The method of claim 27, wherein said step of providing said ballistic cartridge includes the step of providing said frangible projectile in a full-metal jacket.

31. The method of claim 27, wherein said step of providing said ballistic cartridge includes the

step of providing said frangible projectile with a long penetrator rod.

32. The method of claim 27 wherein said step of providing said ballistic cartridge includes the step of providing said frangible projectile with an internal cup.

33. The method of claim 27 wherein said step of providing said ballistic cartridge includes the step of providing said frangible projectile with a base fuse initiator.